ABSTRACT OF THE DISCLOSURE

Two or more synchronous words are arranged to a section as long as a noise cycle "t" regarding a frame. Or, one or more synchronous words are arranged such that a section not being influenced by the noises is long enough considering the noise cycle. When information that cyclical noises occur is given and/or the noise cycle can be measured, probability that the synchronous word is influenced by the noises is reduced so that reliability of frame synchronization establishment can be improved.